

Manhole Inspection Summary

Manhole # S13EE1023MH

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Inspection ☐ Is Incomplete Rating: **4) Poor**

Record Plat: **13EE1** Node: **023** Status: **Found**

Insp Date: **2/6/09 12:22 PM**

Incomplete Comments

Crew: **ADS4**
Inspector: **ADS3**
Firm: **ADS**

Location Address: **4140 REISTERSTOWN RD** Cross Street: **QUANTCO AVE**

Manhole Type: **Inline** Location: **Roadway** Ground Conditions: **Dry**
☐ Prev. Rehab Weather: **Dry** Subject To Ponding: **None**

Comments

Cover Shape: **Circular** Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **0** (in.)
Type: **Sanitary** Condition: **Sound** Cover Material: **Cast Iron**
Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **3** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment ☐ Exists Material: ☐ Parged Height: (in.)
Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated
Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel Material: **Brick** ☐ Parged Type: **Concentric/Eccentric**
Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated
Infiltration: ☐ None ☐ Joint ☒ Cracks ☒ Mortar ☐ Roots ☐ Wall

Barrel Material: **Brick** ☐ Parged
Shape: **Circular** Diameter: **42** (in.) Length: (in.)
Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated
Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Bench ☒ Exists Material: **Brick** ☐ Parged
Condition: ☐ Sound ☒ Cracked ☐ Root Intrusion ☒ Deteriorated ☐ Leaks ☐ Debris

Channel Material: **Brick** ☐ Parged
Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:
Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Steps Count: **4** Missing: **1** ☒ Corroded

Surcharge ☒ Evidence Of Surcharge Depth: **3** (ft.) ☐ Active Surcharge Present

Location View



QUANTICO AND REISTERSTOWN

Top View



NEW LID



NEW LID IS ON MH

REPLACED LID



REPLACED PREVIOUS LID WITH NEW LID

PREVIOUS LID



PREVIOUS LID WAS WORN AND CRACKED

Defect 8



EVIDENCE OF SURCHARGE AT 3 FEET, ON A CORRODED STEP

Defect 2



MISSING STEP

Defect 3



BENCH HAS DEGRADED AND IS MISSING SEVERAL BRICKS

Defect 1



FRAME OFFSET 3" AND EVIDENCE OF INFLOW DUE TO SHEETING

Defect 7



CRACKED BRICK AND MISSING MORTAR IN CORBEL WALL

Defect 6



CAPPED PIPE CONNECTION AT 6 OCLOCK

Defect 5



CAPPED PIPE CONNECTION AT 4 OCLOCK

Defect 4



MISSING MORTAR ABOVE 12 OCLOCK
PIPE CONNECTION

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10 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



NOTE MISSING MORTAR AROUND SEAL

Pipe Height: **10.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **10.10** (ft.) Flow Characteristics: **Slow**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

10 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow



NOTE MISSING MORTAR AROUND SEAL

Pipe Height: **10.8** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **9.81** (ft.) Flow Characteristics: **None**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Cracked**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection